

FIG. 1

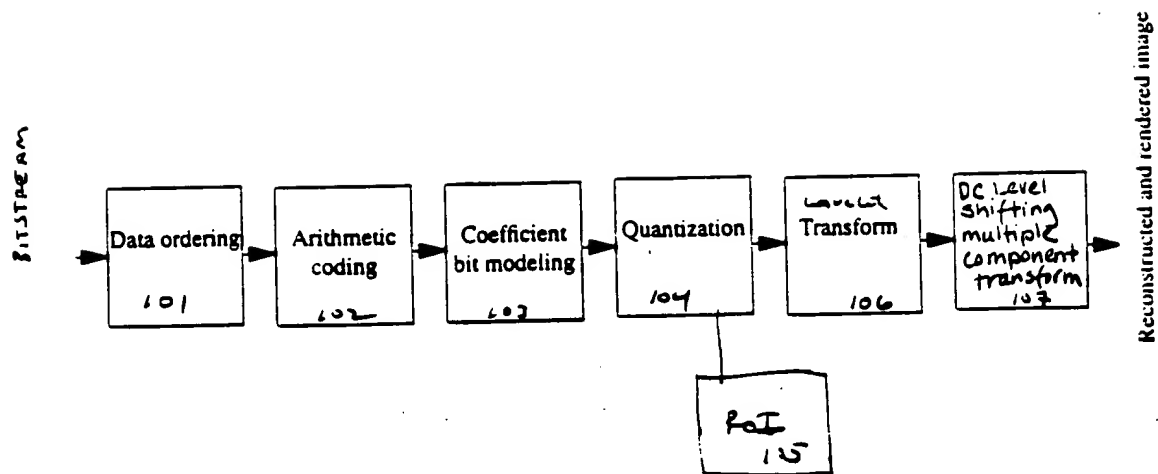


Figure 1

FIG. 2

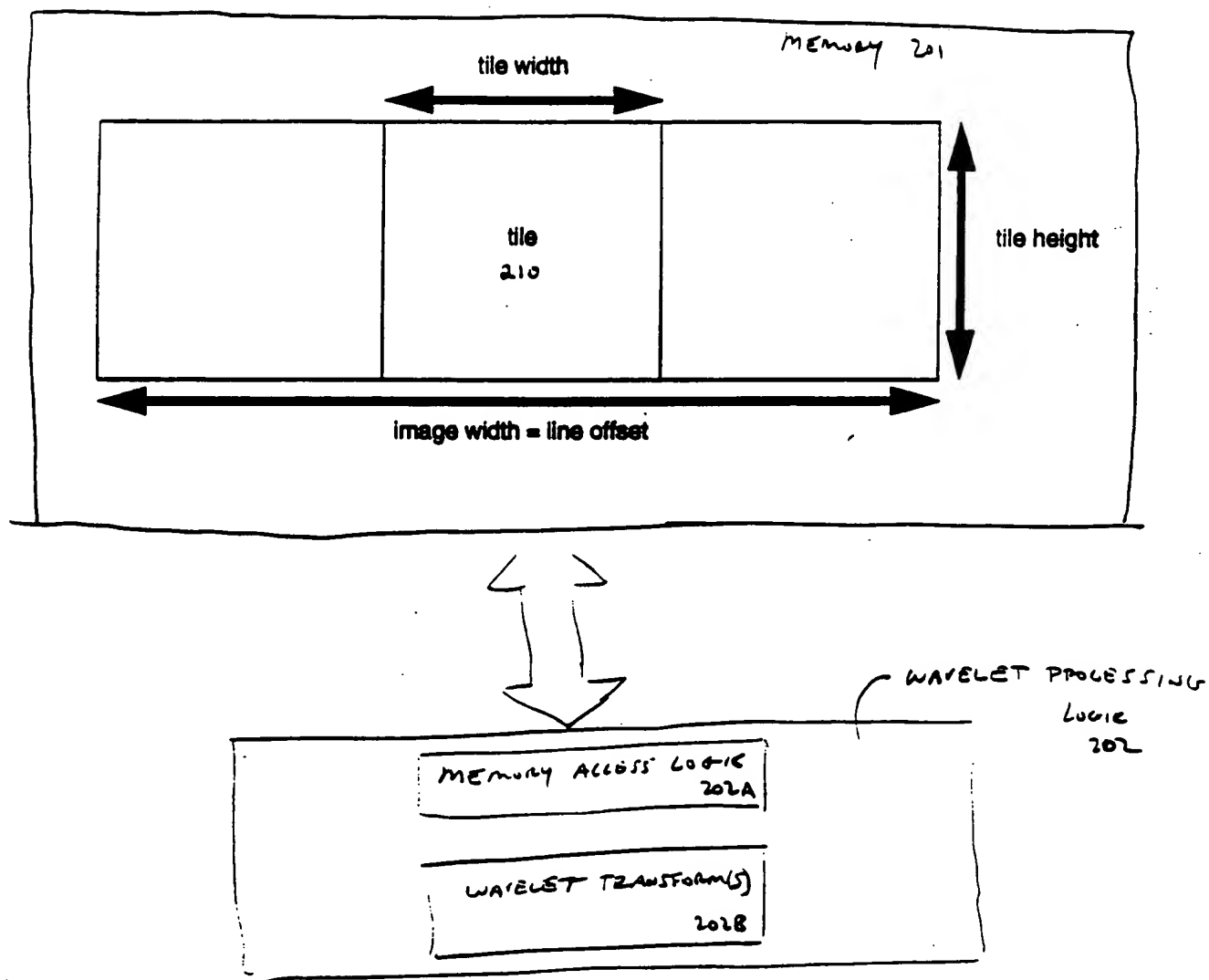
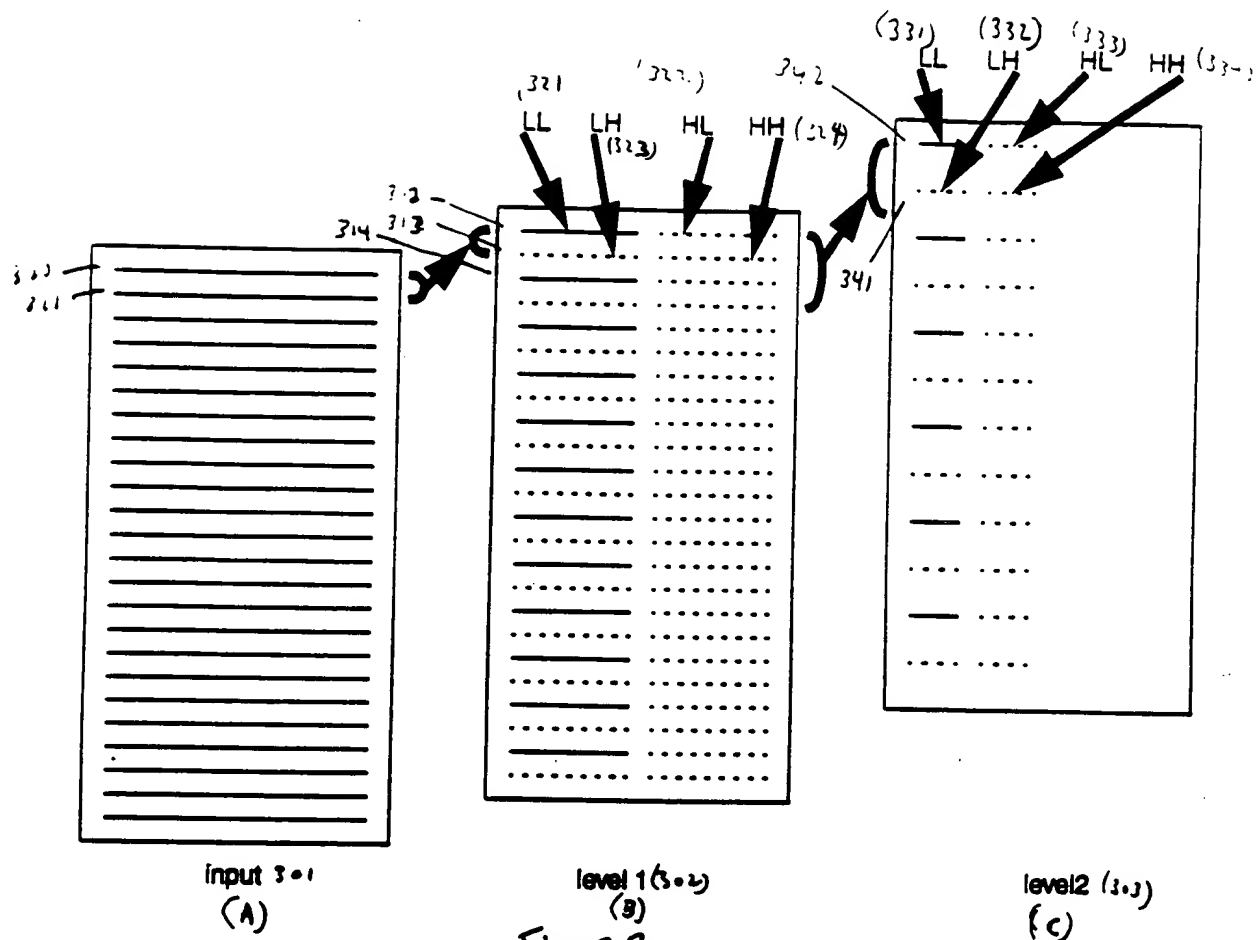


Figure 2



FORM T-30350

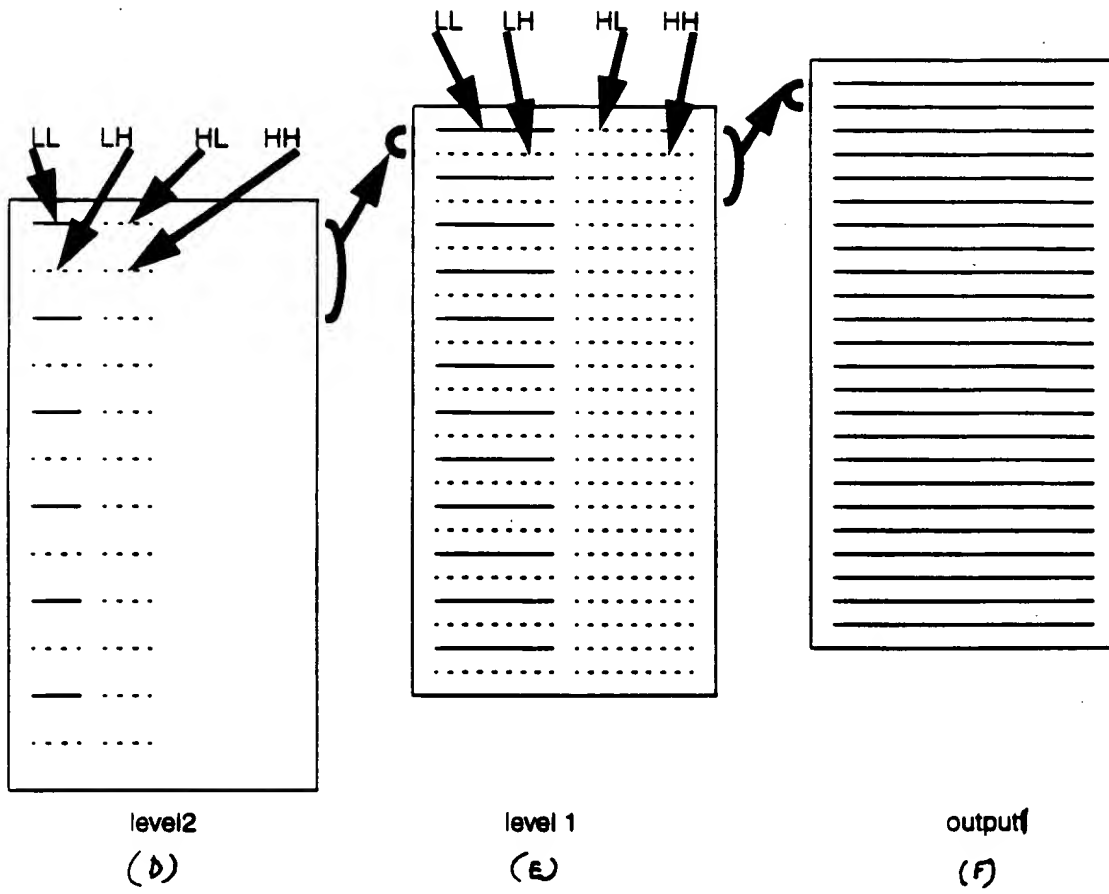


Figure 3

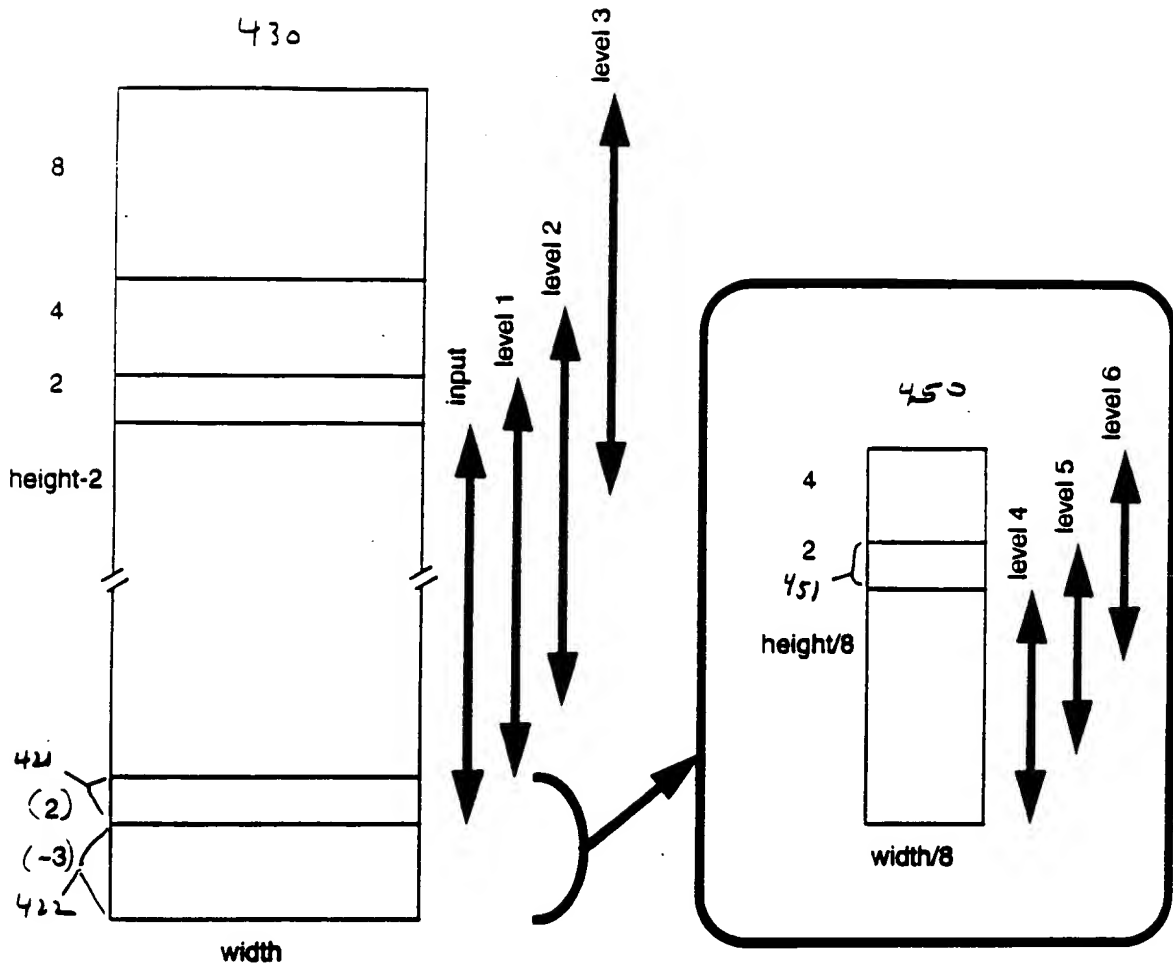


Figure 4A

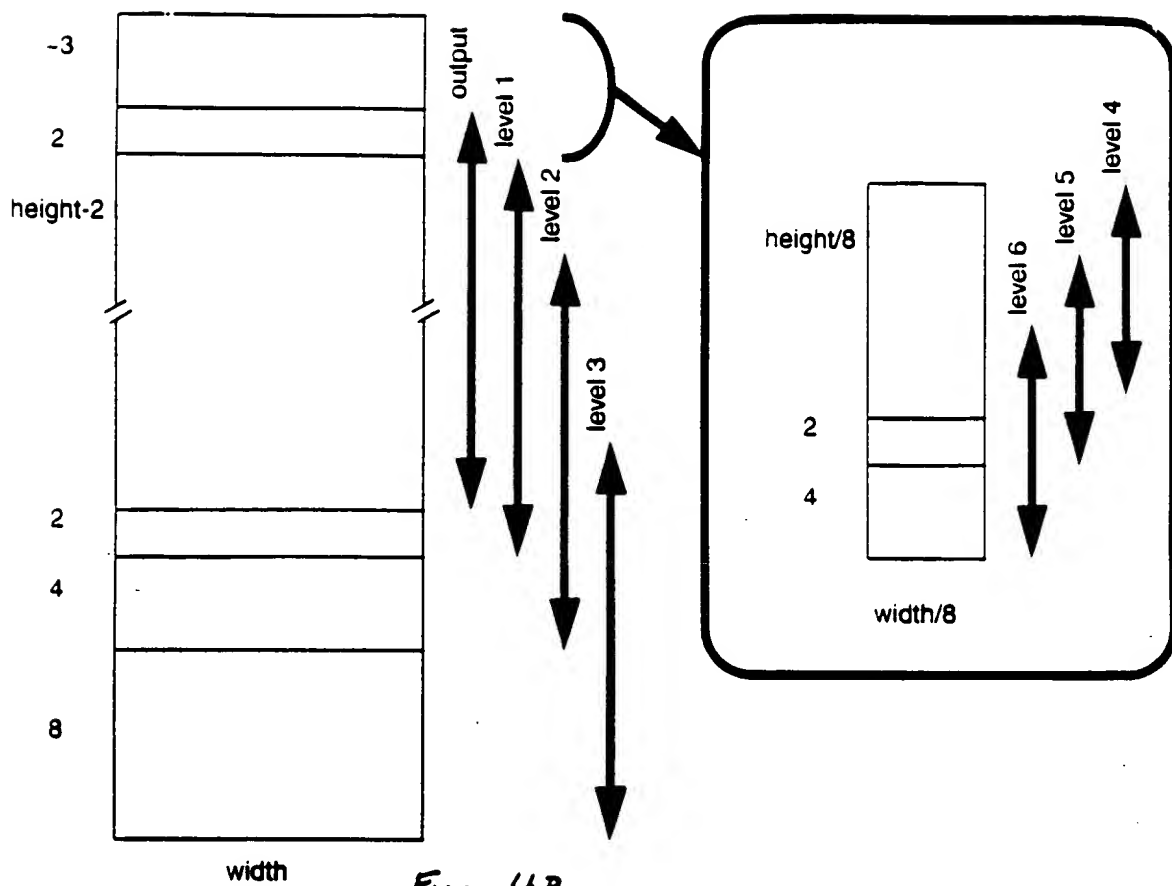


Figure 4B

FIG. 5

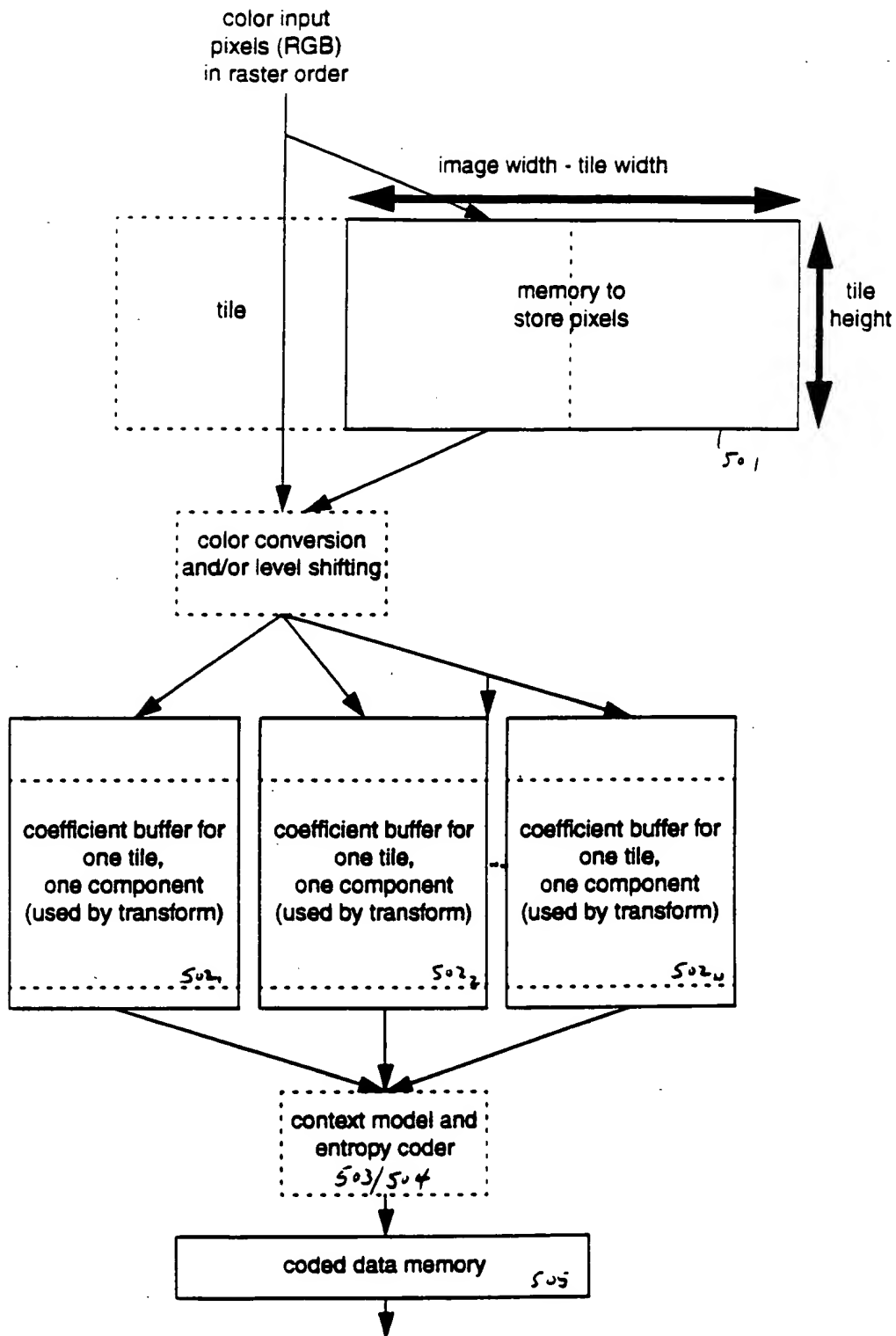


Figure 5

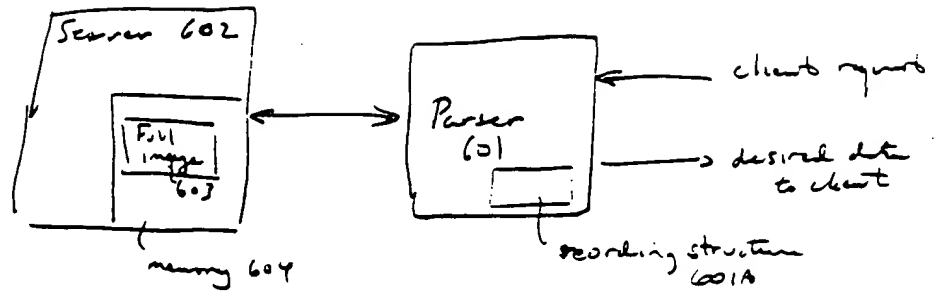


Figure 6A

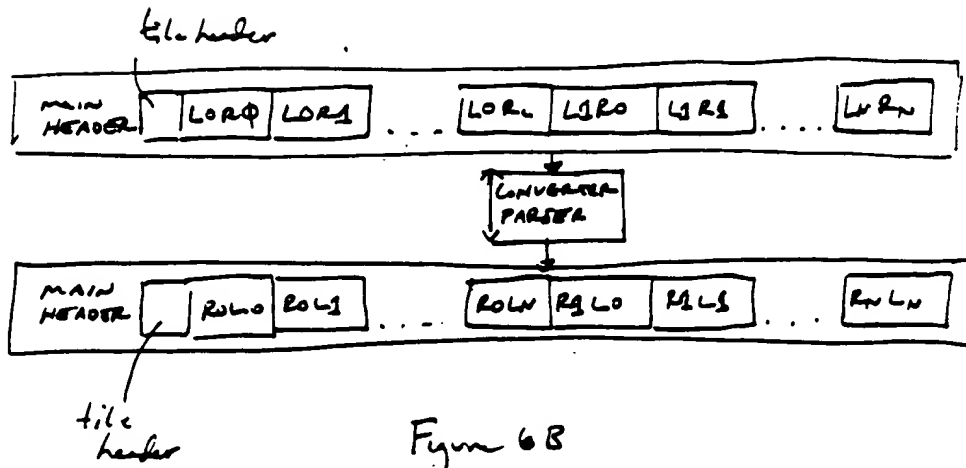


Figure 6B

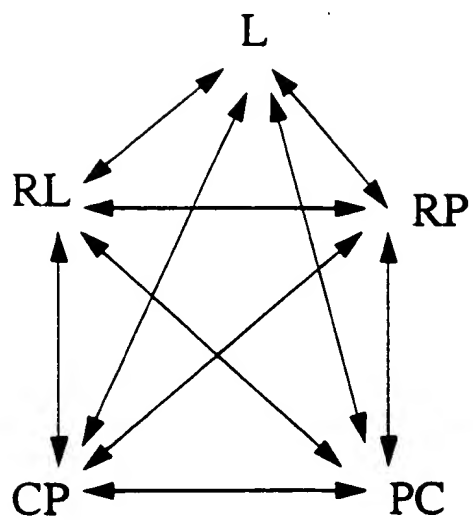


Figure 7A

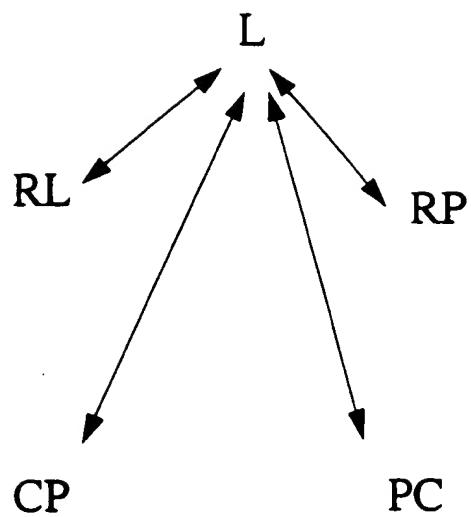


Figure 7B

105020-105020

09000001 03000001

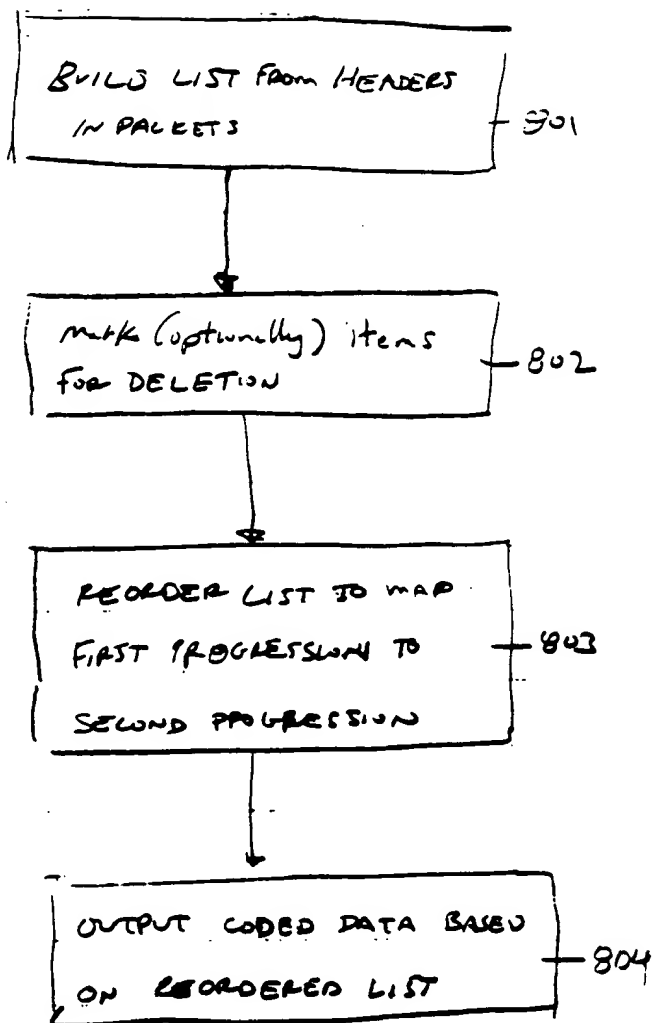


Figure 8

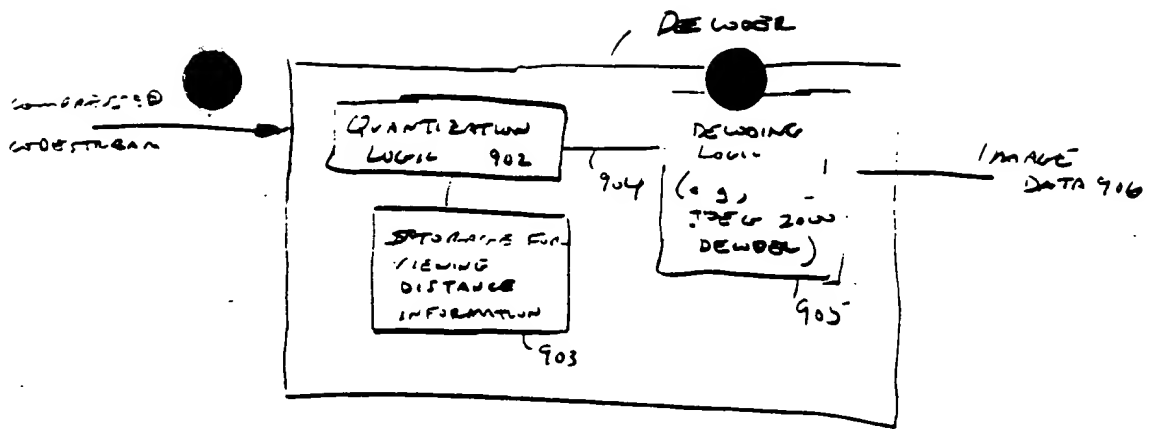


Figure 9

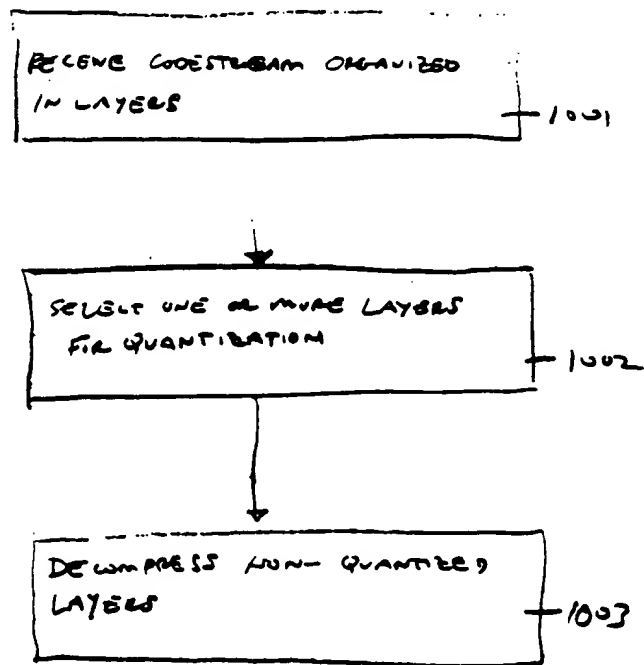


Figure 10

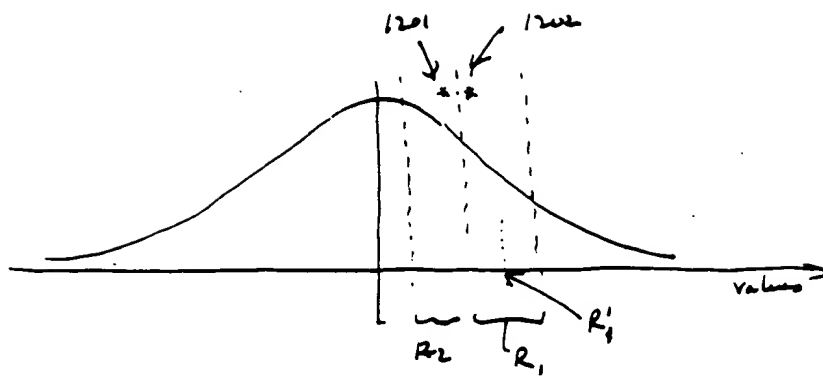


Figure 12

FOUO 12000000

1301

135

Fig 13

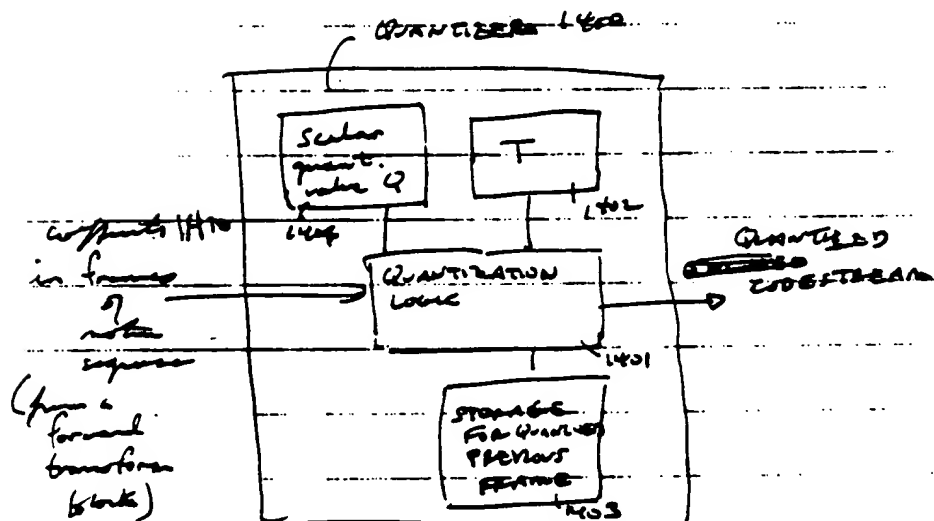


Figure 14

CODE EACH TILE 1501

OUTPUT PACKETS FOR EACH
TILE AS A COMPLETE
TILE-PART 1502

STORING REMAINING ~~PACKETS~~
LAYERS FOR EACH TILE IN
A BUFFER 1503

OUTPUT ADDITIONAL PACKETS
OF EACH TILE AS ANOTHER
COMPLETE TILE-PART 1504

Figure 15 A

FORM T-600000

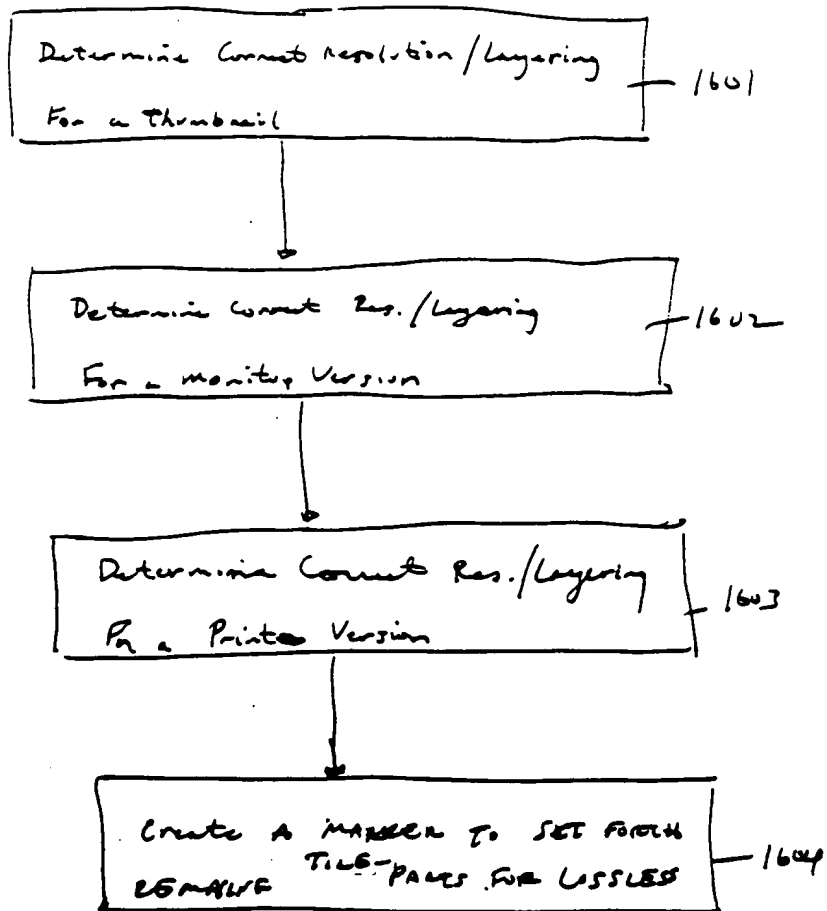


Figure 16

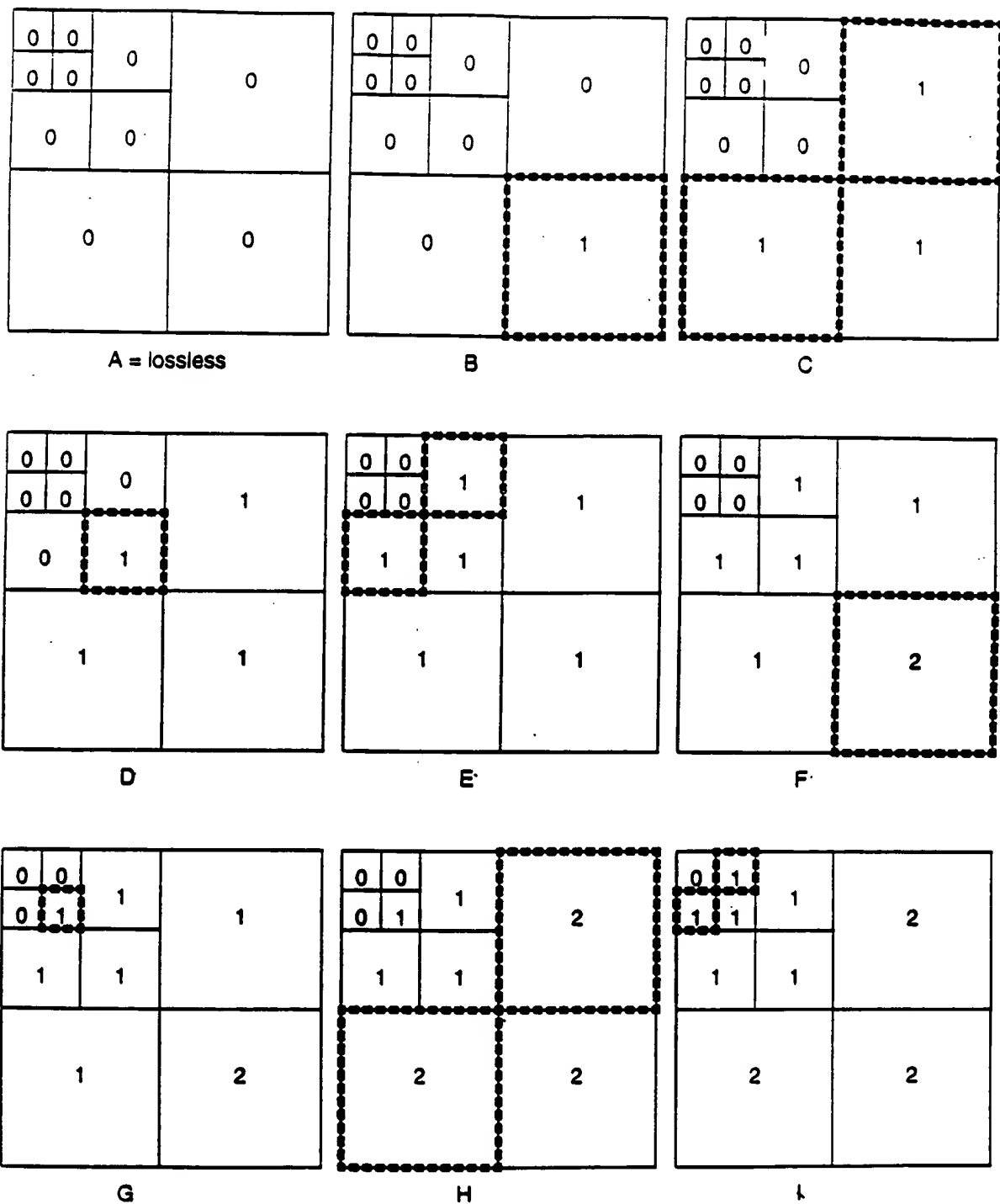


Figure 17

Figure 1 displays nine diagrams (J through R) illustrating the construction of a 2D hexagonal lattice. Each diagram shows a grid of squares with numbers (0, 1, 2, 3) and dashed lines indicating the lattice structure. The diagrams are arranged in a 3x3 grid.

- J:** A 2x2 grid of squares. The top-left square is divided into four smaller squares, with the top-left one labeled '0' and the others '1'. The top-right square is labeled '1'. The bottom-left square is labeled '2'. The bottom-right square is labeled '2'.
- K:** A 2x2 grid of squares. The top-left square is divided into four smaller squares, with the top-left one labeled '1' and the others '1'. The top-right square is labeled '1'. The bottom-left square is labeled '2'. The bottom-right square is labeled '2'.
- L:** A 2x2 grid of squares. The top-left square is divided into four smaller squares, with the top-left one labeled '1' and the others '1'. The top-right square is labeled '2'. The bottom-left square is labeled '2'. The bottom-right square is labeled '2'.
- M:** A 2x2 grid of squares. The top-left square is divided into four smaller squares, with the top-left one labeled '1' and the others '1'. The top-right square is labeled '2'. The bottom-left square is labeled '2'. The bottom-right square is labeled '3'.
- N:** A 2x2 grid of squares. The top-left square is divided into four smaller squares, with the top-left one labeled '1' and the others '1'. The top-right square is labeled '2'. The bottom-left square is labeled '2'. The bottom-right square is labeled '3'.
- O:** A 2x2 grid of squares. The top-left square is divided into four smaller squares, with the top-left one labeled '1' and the others '1'. The top-right square is labeled '2'. The bottom-left square is labeled '2'. The bottom-right square is labeled '3'.
- P:** A 2x2 grid of squares. The top-left square is divided into four smaller squares, with the top-left one labeled '1' and the others '2'. The top-right square is labeled '2'. The bottom-left square is labeled '2'. The bottom-right square is labeled '3'.
- Q:** A 2x2 grid of squares. The top-left square is divided into four smaller squares, with the top-left one labeled '1' and the others '2'. The top-right square is labeled '2'. The bottom-left square is labeled '2'. The bottom-right square is labeled '3'.
- R:** A 2x2 grid of squares. The top-left square is divided into four smaller squares, with the top-left one labeled '1' and the others '2'. The top-right square is labeled '2'. The bottom-left square is labeled '2'. The bottom-right square is labeled '3'.

Figure 18

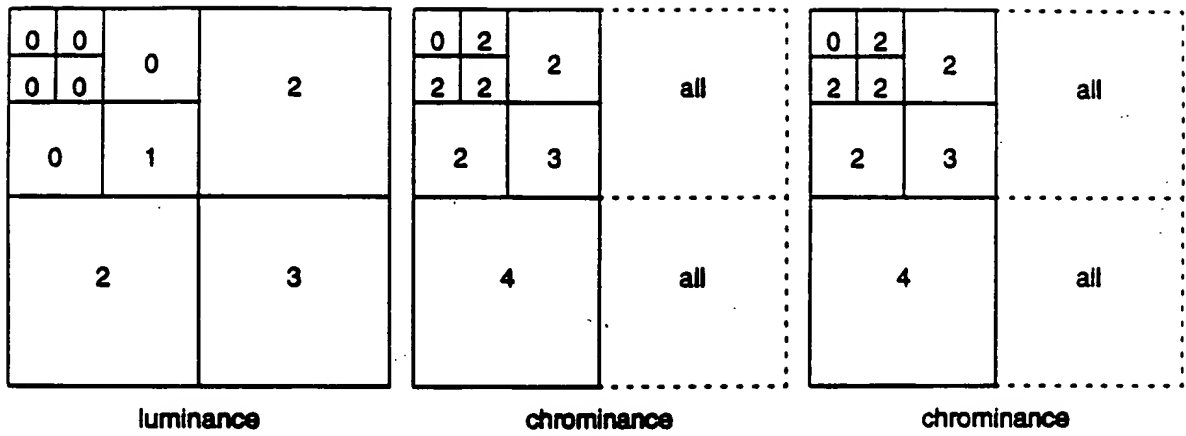


Figure 19

2000

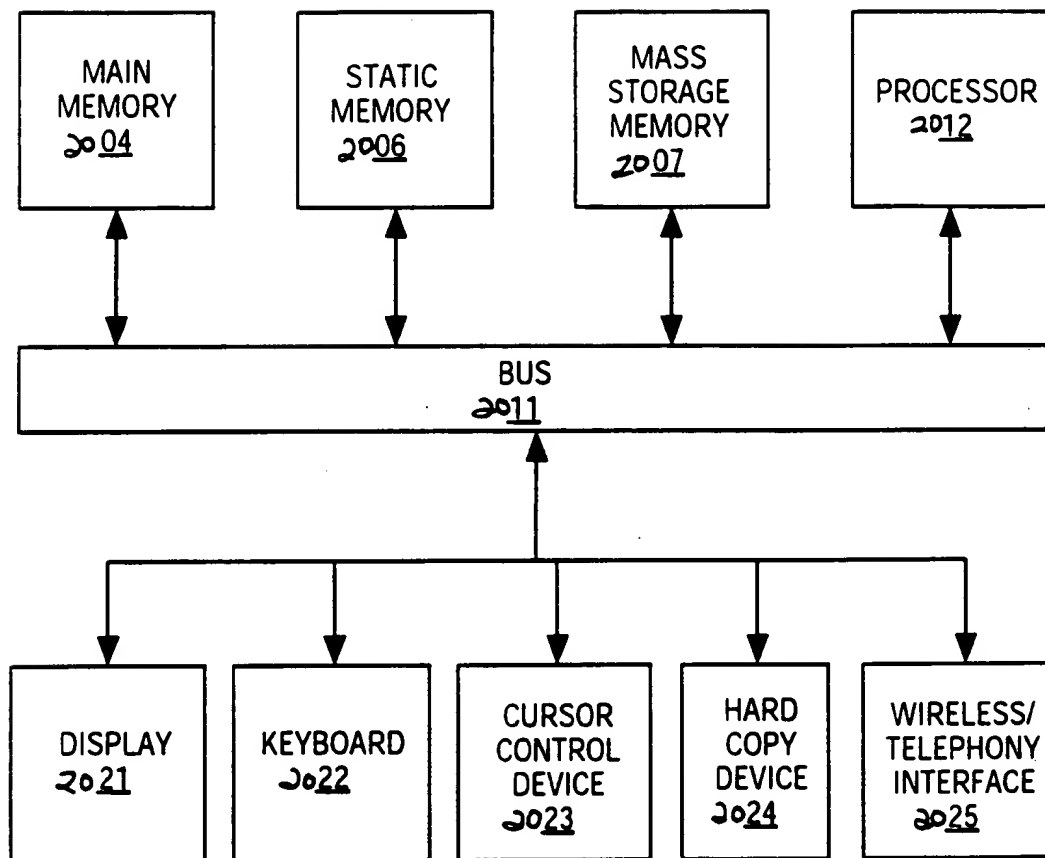


FIG. 20

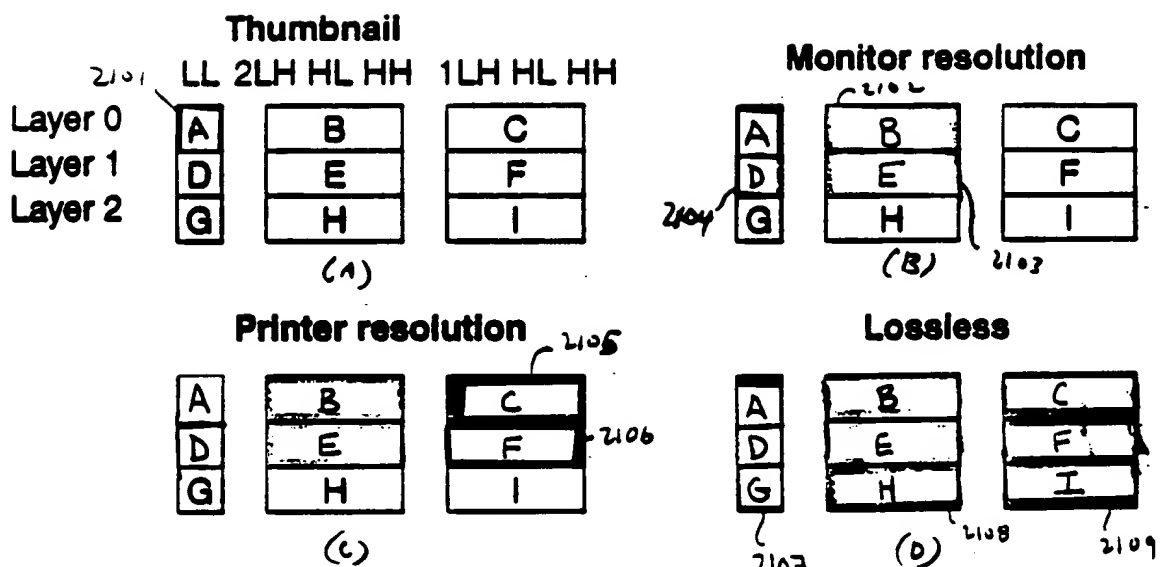


Figure 21

$\{f_{\alpha}^{(1)}\}_{\alpha \in \mathbb{N}}$ and $\{f_{\alpha}^{(2)}\}_{\alpha \in \mathbb{N}}$ are sequences of functions in $L^2(\mathbb{R}^n)$ such that $\|f_{\alpha}^{(1)}\|_{L^2} \rightarrow 0$ and $\|f_{\alpha}^{(2)}\|_{L^2} \rightarrow 0$ as $\alpha \rightarrow \infty$.

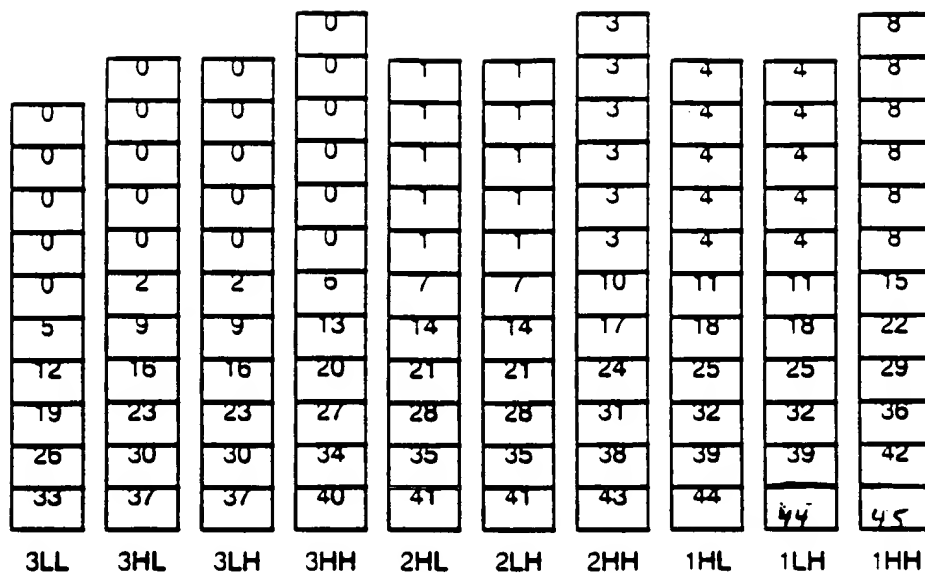


Figure 22

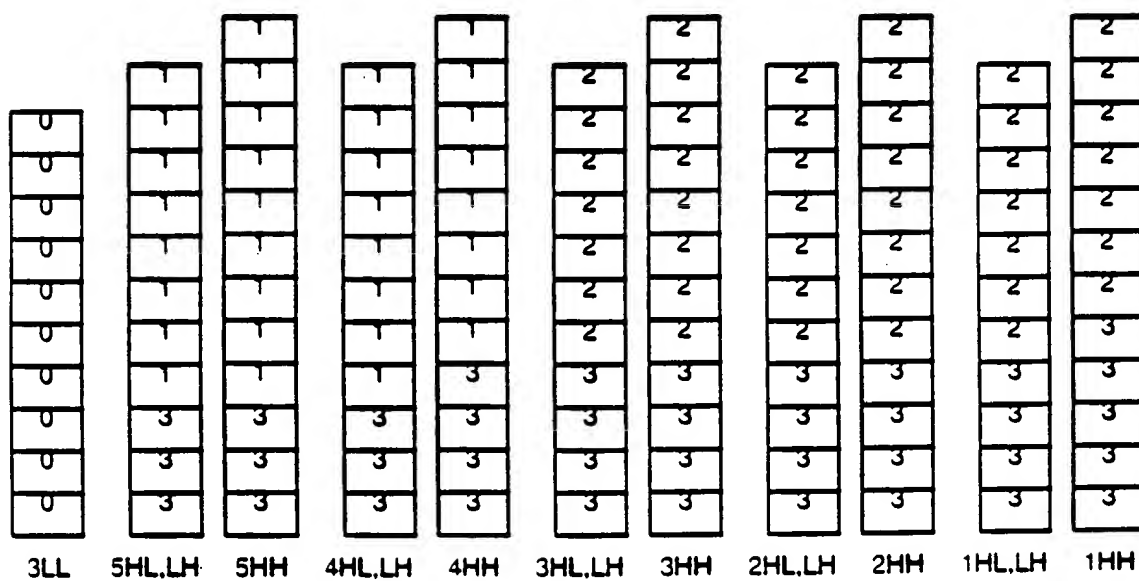


Fig. 23

Fig 24

TYICAL DECODE OF COLOR AGENTS

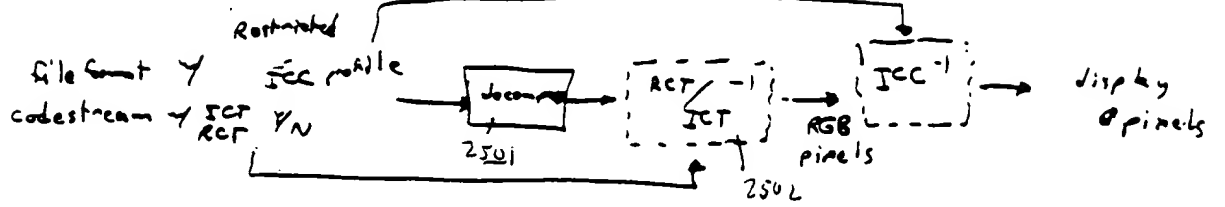


Figure 25

DUMB CAMERA ENCODER

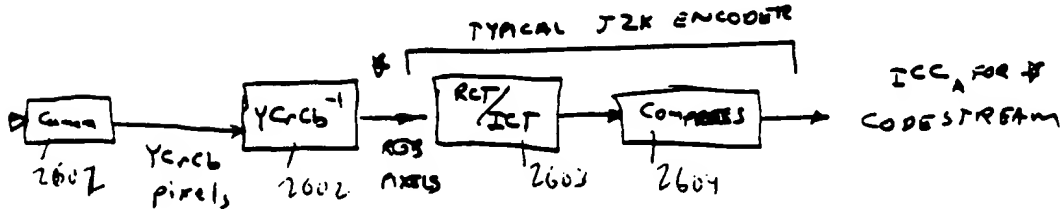


Figure 26

SIMPLE CAMERA ENCODER

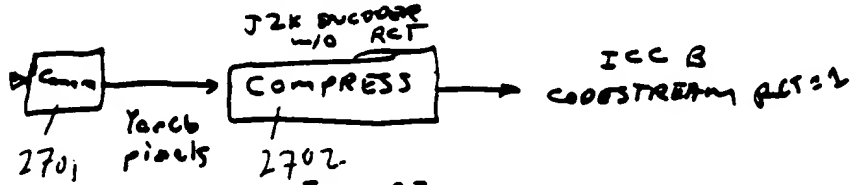


Figure 27

00000001.030601

FIG. 28

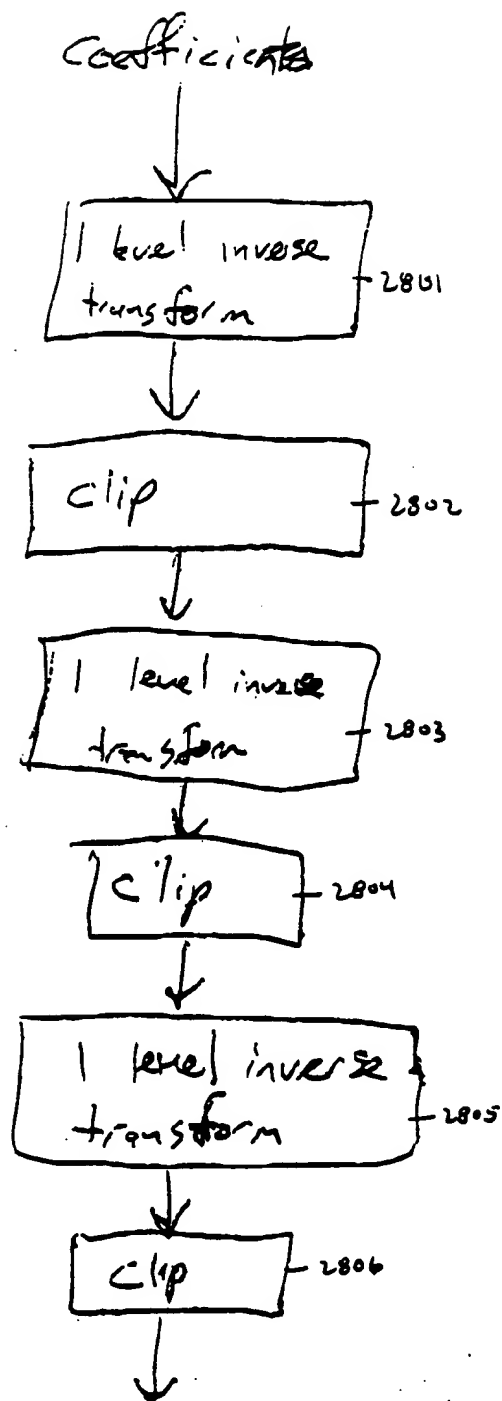


Figure 28